

## CONTRIBUTIONS TO THE BRYOPHYTE FLORA OF TURKEY: IV

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This paper summarizes the very extensive collections of bryophytes made by my colleagues Dr. P. H. Davis and Mr. I. C. Hedge in the spring and summer of 1957. It also includes a few records of collections made by Mr. F. Merton from the neighbourhood of Ankara. No comments are included here on the significance of any of these collections: this will be dealt with in the next paper which summarizes published information on the bryophyte flora of Turkey.

**Sphagnum teres** (Schimp.) Ångstr.

PROV. ÇORUH (Artvin): Şavval Tepe above Murgul (igneous), 1600 m., boggy places in peaty pasture, 11 Aug. 1957, Davis & Hedge (D.32254).

**Sphagnum squarrosum** Pers. ex Crome

PROV. ÇORUH (Artvin): Tiryal Dağ above Murgul, 1750 m., by little lake, with *Drosera rotundifolia*, 23 June 1957, Davis & Hedge (D.29962).

**Polytrichum alpinum** Hedw.

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2100 m., igneous rocks at top of *Picea-Pinus* forest, 28 June 1957, Davis & Hedge (D.30404f).

**Polytrichum gracile** Sm.

PROV. ÇORUH (Artvin): Şavval Tepe above Murgul, 2200 m., igneous rocks, 12 Aug. 1957, Davis & Hedge (D.32263b).

**Polytrichum formosum** Hedw.

PROV. ÇORUH (Artvin): Tiryal Dağ above Murgul, 1700 m., *Rhododendron-Picea* forest, 23 June 1957, Davis & Hedge (D.29963a); Yalnızçam Dağları, on west side of pass between Ardahan and Artvin, 2400 m., igneous rocks, 19 Aug. 1957, Davis & Hedge (D.32535d).

**Ditrichum flexicaule** (Schleich.) Hampe

PROV. ANKARA: Ankara Baraj, in crevices among rocks of volcanic tuff, 7 Apr. 1958, Merton 37.

**Distichium capillaceum** (Hedw.) B.S.G.

PROV. ÇORUH (Artvin): Tiryal Dağ above Murgul, 2300 m., shady igneous rocks, 23 June 1957, Davis & Hedge (D.29959c); dist. Ardanuç: Kordevan Dağ, 2800 m., igneous rocks, 28 June 1957, Davis & Hedge (D.30406b); Yalnızçam Dağları, on west side of pass between Ardahan and Artvin, 2400 m., igneous rocks, 19 Aug. 1957, Davis & Hedge (D.32535g).

**Ceratodon purpureus** (Hedw.) Brid.

PROV. MARDIN: Mardin Castle, 1200 m., limestone rocks, 20 May 1957, Davis & Hedge (D.28354f).

PROV. ANKARA: Ankara Baraj, on wet volcanic tuff, 12 Apr. 1958, Merton 97.

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2100 m., *Picea* forest, 28 June 1957, Davis & Hedge (D.304051).

**Dicranella heteromalla** (Hedw.) Schimp.

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2100 m., *Picea* forest, 28 June 1957, (D.30405i); *ibid.* 2800 m., igneous rocks, Davis & Hedge (D.30406c).

**Dicranoweissia crispula** (Hedw.) Lindb.

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2100 m., igneous rocks at top of *Picea-Pinus* forest, 28 June 1957, Davis & Hedge (D.30404a); Yalnızçam Dağları on west side of pass between Ardahan and Artvin, 2400 m., igneous rocks, 19 Aug. 1957, Davis & Hedge (D.32535b).

**Dicranum majus** Turn.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ above Haruniye, 1300 m., on the ground in beech forest (metamorphic substrate), 19 Apr. 1957, Davis & Hedge (D.26820g).

PROV. ÇORUH (Artvin): Tiryal Dağ above Murgul, 1700 m., *Rhododendron-Picea* forest, 23 June 1957, Davis & Hedge (D.29963b); Yalnızçam Dağları, on west side of pass between Ardahan and Artvin, 2400 m., igneous rocks, 19 Aug. 1957, Davis & Hedge (D.32535e).

**Dicranum scoparium** Hedw.

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2100 m., igneous rocks at top of *Picea-Pinus* forest, 28 June 1957, Davis & Hedge (D.30404c); *ibid.* (D.30405d).

**Paraleucobryum longifolium** (Hedw.) Loeske

PROV. ÇORUH (Artvin): Şavval Tepe above Murgul, 2200 m., igneous rocks, 12 Aug. 1957, Davis & Hedge (D.32263a).

**Leucobryum glaucum** (Hedw.) Schimp.

PROV. ÇORUH (Artvin): Şavval Tepe above Murgul, 1300 m., on ground, mixed *Picea* forest on igneous rocks, 10 Aug. 1957, Davis & Hedge (D.32212).

**Encalypta vulgaris** Hedw.

PROV. ADANA, dist. Saimbeyli (Antitaurus); Himmetli, 600 m., on metamorphic rocks, 12 Apr. 1957, Davis & Hedge (D.26645d).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2000 m., *Picea* forest, 28 June 1957, Davis & Hedge (D.30405e).

***Tortula ruralis* (Hedw.) Crome**

PROV. MERSIN: Findikpinari above Mersin, 1200 m., limestone rocks, 7 Apr. 1957, Davis & Hedge (D.26477b); *ibid.* (D.26480a).

PROV. ADANA, dist. Pozanti: Bürücek, 1300 m., on limestone rocks, 3 Apr. 1957, Davis & Hedge (D.26328); *ibid.* (D.26329); dist. Bahçe (N. Amanus): between Haruniye and Fevzipaşa, 700 m., limestone rocks in maquis, 18 Apr. 1957, Davis & Hedge (D.26767).

PROV. HATAY, dist. Belen (Amanus): Karlık Tepe above Soğuk Oluk, 1000–1200 m., igneous rocks, 24 Apr. 1957, Davis & Hedge (D.27050h); *ibid.* 1400 m., summit igneous rocks, 24 Apr. 1957, Davis & Hedge (D.27052).

PROV. MARAŞ: Elbistan, 1100 m., north limestone rocks, 6 May 1957, Davis & Hedge (D.27658b).

PROV. MALATYA: Mt. above Resadiye, between Doğanşehir and Pazarcık, 1400 m., on dry limestone boulders, 10 May 1957, Davis & Hedge (D.27752c).

PROV. URFA: 5 km. west of Urfa, 800 m., limestone cliffs, 17 May 1957, Davis & Hedge (D.28176b).

PROV. MARDIN: 5 km. east of Mardin, 1200 m., north limestone cliff, 25 May 1957, Davis & Hedge (D.28742b).

***Tortula intermedia* (Brid.) Berk.**

PROV. ADANA, dist. Pozanti: Bürücek, 1300 m., on limestone rocks, 3 Apr. 1957, Davis & Hedge (D.26324); dist. Saimbeyli (Antitaurus): Himmethi, 600 m., on metamorphic rocks, 12 Apr. 1957, Davis & Hedge (D.26645h); dist. Bahçe between Haruniye and Fevzipaşa, 500 m., limestone rocks in maquis, 18 Apr. 1957, Davis & Hedge (D.26765d).

PROV. HATAY dist. Belen (Amanus): Karlick Tepe above Soğuk Oluk, 800–1000 m., limestone rocks, 24 Apr. 1957, Davis & Hedge (D.27051b); dist. Antakya (Amanus): Antakya—Yayladağ, 1000 m., limestone rocks in *Quercus coccifera* maquis, 28 Apr. 1957, Davis & Hedge (D.27156a).

PROV. MARAŞ: Koyunoluk Dağ between Maraş and Göksun, 1200–1350 m., on limestone rocks in *Abies cilicica* forest, 4 May 1957, Davis & Hedge (D.27418b); Elbistan, 1100 m., north limestone rocks, 6 May 1957, Davis & Hedge (D. 27658c).

PROV. MARDIN: Mardin castle, 1200 m., limestone rocks, 20 May 1957, Davis & Hedge (D.28354c); Mardin—Savur, 1000 m., limestone rocks, 24 May 1957, Davis & Hedge (D.28741); 5 km. east of Mardin, 1200 m., north limestone cliff, 25 May 1957, Davis & Hedge (D.28742a).

PROV. KARS: south-west side of Kisir Dağ, between Kars & Ardahan, 2200 m., volcanic rocks, 16 June 1957, Davis & Hedge (D. 29646d).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2000 m., *Picea* forest, 28 June 1957, Davis & Hedge (D.30405g).

***Tortula princeps* De Not.**

PROV. URFA, dist. Siverek: Karacadağ, 1200 m., basalt rocks, 19 May 1957, Davis & Hedge (D.28352a).

***Tortula subulata* Hedw.**

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ above Haruniye, 700–800 m., metamorphic rocks, 19 Apr. 1957, Davis & Hedge (D.26827g).

***Tortula muralis* Hedw.**

PROV. ADANA, dist. Bahçe: between Haruniye and Fevzipaşa, 500 m., limestone rocks in maquis, 18 Apr. 1957, Davis & Hedge (D.26765g).

PROV. HATAY, dist. Belen (Amanus): Belen, 450 m., shady metamorphic rocks, 23 Apr. 1957, Davis & Hedge (D.27032a).

PROV. MARDIN: Mardin castle, 1200 m., limestone rocks, 20 May 1957, Davis & Hedge (D.28354a).

***Tortula obtusifolia* Schleich.**

PROV. HATAY, dist. Belen (Amanus): Belen, 450 m., shady metamorphic rocks, 23 Apr. 1957, Davis & Hedge (D.27032c).

***Tortula papillosissima* (Copp.) Broth.**

PROV. ADANA, dist. Bahçe (N. Amanus): between Haruniye and Fevzipaşa, 1150 m., rocks near top of pass, 18 Apr. 1957, Davis & Hedge (D.26766d).

***Crossidium squamigerum* (Viv.) Jur. var. *pottioideum* (De Not.) Moenk.**

PROV. ANKARA: Ankara Baraj, in crevices of volcanic tuff, 12 Apr. 1958, Merton 100.

***Barbula vinealis* Brid.**

PROV. ADANA, dist. Saimbeyli (Antitaurus): Himmetli, 600 m., on metamorphic rocks, 12 Apr. 1957, Davis & Hedge (D.26645b).

PROV. HATAY, dist. Antakya (Amanus): Antakya near St. Peter's Church, 150–250 m., limestone rocks, 27 Apr. 1957, Davis & Hedge (D.27157g).

PROV. MARDIN: Mardin castle, 1200 m., limestone rocks, 20 May 1957, Davis & Hedge (D. 28354d).

PROV. ANKARA: Ankara Baraj, crevices of rock of volcanic tuff, 7 Apr. 1958, Merton 45.

***Tortella tortuosa* (Hedw.) Limpr.**

PROV. MERSIN: Findikpinari above Mersin, 1200 m., limestone rocks, 7 Apr. 1957, Davis & Hedge (D.26477a); *ibid.* (D.26479) and (D.26480d).

PROV. ADANA, dist. Bahçe: between Haruniye and Fevzipaşa, 500 m., limestone rocks in maquis, 18 Apr. 1957, Davis & Hedge (D.26765a); dist. Osmaniye: Toprakkale, 80 m., shady basalt rocks in ravine, 20 Apr. 1957, Davis & Hedge (D.26896b).

PROV. MARAŞ: Koyunoluk Dağ between Maraş and Göksun, 1200–1350 m., on limestone rocks in *Abies cilicica* forest, 4 May 1957, Davis & Hedge (D.27418i).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2100 m., igneous rocks at top of *Picea-Pinus* forest. 28 June 1957, Davis & Hedge (D.30404e); Kordevan Dağ, 2800 m., igneous rocks, 28 June 1957, Davis & Hedge (D.30406a).

***Tortella nitida* (Lindb.) Broth.**

PROV. MARAŞ: 10 km. south of Maraş, 550 m., limestone rocks in oak scrub, 1 May 1957, Davis & Hedge (D. 27329g).

***Trichostomum crispulum* Bruch**

PROV. ADANA, dist. Saimbeyli (Antitaurus): Himmetli, 600 m., on metamorphic rocks, 12 Apr. 1957, Davis & Hedge (D. 26645a).

PROV. HATAY, dist. Antakya (Amanus): Antakya near St. Peter's Church, 150–250 m., limestone rocks, 27 Apr. 1957, Davis & Hedge (D.27157f).

***Trichostomum brachydontium* Bruch**

PROV. HATAY, dist. Belen (Amanus): Soğuk Oluk, 700 m., on ground (metamorphic substrate), in open *Pinus brutia* forest, on north slopes, 23 Apr. 1957, Davis & Hedge (D.27033b).

PROV. MARAŞ: Koyunoluk Dağ between Maraş and Göksun, 1200–1300m., on ground in *Pinus nigra* forest, 4 May 1957, Davis & Hedge (D.27417b).

PROV. ANKARA: Ankara Baraj, on soil by a seep, 7 Apr. 1958, Merton 86.

***Timmiella barbuloides* (Brid.) Moenk.**

PROV. HATAY, dist. Antakya (Amanus): Antakya near St. Peter's Church, 150–250 m., limestone rocks, 27 Apr. 1957, Davis & Hedge (D.27157d).

***Timmiella anomala* (B.S.G.) Limpr.**

PROV. HATAY, dist. Belen (Amanus): Karlik Tepe above Soğuk Oluk, 1000–1200 m., igneous rocks, 24 Apr. 1957, Davis & Hedge (D. 27050e).

***Weissia microstoma* (Hedw.) C.M.**

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ above Haruniye, 1200 m., in deep ravine dominated by beech, on metamorphic rocks, 19 Apr. 1957, Davis & Hedge (D.26821l); *ibid.* 800 m., banks, 19 Apr. 1957, Davis & Hedge (D.26824b).

***Weissia* cf. *W. rupestris* C. Müll.**

PROV. MERSİN: Findikpinari above Mersin, 1200 m., limestone rocks, 7 Apr. 1957, Davis & Hedge (D.26477c).

***Grimmia apocarpa* Hedw.**

PROV. MERSİN: Külük Bogazi, 1000 m., dry limestone rocks, 4 Apr. 1957, Davis & Hedge (D.26373).

PROV. ADANA, dist. Saimbeyli (Antitaurus): Himmetli, 600 m., on metamorphic rocks, 12 Apr. 1957, Davis & Hedge (D.26645f); dist. Bahçe: between Haruniye and Fevzipaşa, 500 m., limestone rocks in maquis, 18 Apr. 1957, Davis & Hedge (D.26765e); *ibid.* 1150 m., rocks near top of pass, 18 Apr. 1957, Davis & Hedge (D.26766).

PROV. HATAY, dist. Belen (Amanus): Belen, 450 m., shady metamorphic rocks, 23 Apr. 1957, Davis & Hedge (D.27032d); Karlik Tepe above Soğuk Oluk, 800–1000 m., limestone rocks, 24 Apr. 1957, Davis & Hedge (D.27051c).



PROV. MALATYA: Erkenek, between Doğanşehir and Pazarcık, 1200 m., shady limestone rocks in gorge, 10 May 1957, Davis & Hedge (D.27751b).

PROV. MARAŞ: Koyunluk Dağ between Maraş and Göksun, 1200–1350 m., on limestone rocks in *Abies cilicica* forest, 4 May 1957, Davis & Hedge (D.27418k).

**Grimmia anodon** B. S. G.

PROV. MARAŞ: Elbistan, 1100 m., north limestone rocks, 6 May 1957, Davis & Hedge (D.27638d).

**Grimmia commutata** Hübner.

PROV. MALATYA: Mt. above Resadiye, between Doğanşehir and Pazarcık, 1400 m., on dry limestone boulders, 10 May 1957, Davis & Hedge (D.27752a).

PROV. URFA, dist. Siverek: Karacadağ, 1200 m., basalt rocks, 19 May 1957, Davis & Hedge (D.28352c).

PROV. DİYARBAKIR: Diyarbakir, 650 m., on basalt boulders, 31 May 1957, Davis & Hedge (D.28793).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütlül yayla, 2100 m., *Picea* forest, 28 June 1957, Davis & Hedge (D.30405k).

PROV. HATAY, dist. Belen (Amanus): Karlık Tepe above Soğuk Oluk, 1000–1200 m., igneous rocks, 24 Apr. 1957, Davis & Hedge (D.27050m.).

**Grimmia laevigata** (Brid.) Brid.

PROV. HATAY, dist. Belen (Amanus): Karlık Tepe above Soğuk Oluk, 800–1000 m., limestone rocks, 24 Apr. 1957, Davis & Hedge (D.27051f); *ibid.* 1000–1200 m., igneous rocks, 24 Apr. 1957, Davis & Hedge (D.27050b).

PROV. ADANA, dist. Bahçe (N. Amanus); Dumanlı Dağ above Haruniye, 700–800m., metamorphic rocks, 19 Apr. 1957, Davis & Hedge (D.26827d); dist. Osmaniye: Toprakkale, 80 m., sunny basalt rocks, 20 Apr. 1957, Davis & Hedge (D.26897).

**Grimmia alpestris** Schleich.

PROV. TRABZON: Soğanlı Dağ, on the pass, 2400 m., dry igneous rocks, 4 Aug. 1957, Davis & Hedge (D.32200).

**Grimmia ovalis** (Hedw.) Lindb.

PROV. HATAY, dist. Belen (Amanus): Belen, 450 m., shady metamorphic rocks, 23 Apr. 1957, Davis & Hedge (D. 27032b).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütlül yayla, 2100 m., dry igneous rocks, 28 June 1957, Davis & Hedge (D.30403).

**Grimmia elongata** Kaulf.

PROV. ÇORUH (Artvin): Şavval Tepe above Murgul, 2200 m., igneous rocks, 12 Aug. 1957, Davis & Hedge (D.32263e).

***Grimmia pulvinata* (Hedw.) Sm.**

PROV. ISTANBUL; Burgaz Ada (Antigoni), 30 m., on metamorphic rocks, 24 Mar. 1957, Davis & Hedge (D.26205).

PROV. MERSIN: Findikpinari above Mersin, 1200 m., limestone rocks, 7 Apr. 1957, Davis & Hedge (D.26482).

PROV. ADANA, dist. Bahçe (N. Amanus): between Haruniye and Fevzi-paşa, 1150 m., rocks near top of pass, 18 Apr. 1957, Davis & Hedge (D.26766b).

PROV. HATAY, dist. Belen (Amanus): Karlık Tepe above Soğuk Oluk, 800–1000 m., limestone rocks, 24 Apr. 1957, Davis & Hedge (D.27051d); *ibid.* 1000–1200 m., igneous rocks, 24 Apr. 1957, Davis & Hedge (D. 27050j); dist. Antakya (Amanus): Antakya—Yayladağı, 1000 m., limestone rocks in *Quercus coccifera* maquis, 28 Apr. 1957, Davis & Hedge (D. 27156c).

PROV. MARAŞ: 10 km. south of Maraş, 550 m., limestone rocks in oak scrub, 1 May 1957, Davis & Hedge (D.27329b); Elbistan, 1100 m., north limestone rocks, 6 May 1957, Davis & Hedge (D. 27658c); Koyun-oluk Dağ between Maraş and Göksun, 1200–1350 m., on limestone rocks in *Abies cilicica* forest, 4 May 1957, Davis & Hedge (D.27418e).

PROV. URFA: 5 km. west of Urfa, 800 m., limestone cliffs, 17 May 1957, Davis & Hedge (D.28176d).

PROV. GÜMÜŞANE/TRABZON: Soğanlı Dağ pass, 2400 m., igneous rocks, 4 Aug. 1957, Davis & Hedge (D.32655).

***Grimmia orbicularis* Bruch**

PROV. ADANA, dist. Saimbeyli (Antitaurus): Himmetli, 600 m., on metamorphic rocks, 12 Apr. 1957, Davis & Hedge (D.26645g).

***Grimmia funalis* (Schwaegr.) Schimp.**

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ, 2800 m., igneous rocks, 28 June 1957, Davis & Hedge (30406e); Şavval Tepe above Murgul, 2900 m., summit igneous rocks, 12 Aug. 1957, Davis & Hedge (D.32330).

***Grimmia trichophylla* Grev.**

PROV. MERSIN: Findikpinari above Mersin, 1200 m., limestone rocks, 7 Apr. 1957, Davis & Hedge (D.26480c).

PROV. ADANA, dist. Saimbeyli (Antitaurus): Himmetli, 600 m., on metamorphic rocks, 12 Apr. 1957, Davis & Hedge (D.26645i); dist. Bahçe (N. Amanus): Dumanlı Dağ, Haruniye, 1200 m., in deep ravine dominated by beech, on metamorphic rocks, 19 Apr. 1957, Davis & Hedge (26821k); *ibid.* 800 m., banks, 19 Apr. 1957, Davis & Hedge (D.26824c); *ibid.* 700–800 m., metamorphic rocks, 19 Apr. 1957, Davis & Hedge (D.26827e); dist. Osmaniye: Toprakkale, 80 m., shady basalt rocks in ravine, 20 Apr. 1957, Davis & Hedge (D.26896c).

PROV. URFA: 5 km. west of Urfa, 800 m., limestone cliffs, 17 May 1957, Davis & Hedge (D.28176c).

PROV. MARDIN: 5 km. east of Mardin, 1200 m., north limestone cliff, 25 May 1957, Davis & Hedge (D.28742d).

***Grimmia hartmanii* Schimp.**

PROV. ADANA, dist. Bahçe (N. Amanus): between Haruniye and Fevzi-paşa, 1150 m., rocks near top of pass, 18 Apr. 1957, Davis & Hedge (D.26766g).

***Grimmia elatior* Bruch**

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanli Dağ, Haruniye, 1200 m., in deep ravine dominated by beech, on metamorphic rocks, 19 Apr. 1957, Davis & Hedge (26821e).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ, 2800 m., igneous rocks, 28 June 1957, Davis & Hedge (D.30406d).

***Grimmia decipiens* (Schultz) Lindb.**

PROV. HATAY, dist. Belen (Amanus): Karlik Tepe above Soğuk Oluk, 1000–1200 m., igneous rocks, 24 Apr. 1957, Davis & Hedge (D.270501).

***Grimmia tergestina* Tomm.**

PROV. URFA, dist. Siverek: Karacadağ, 1200 m., basalt rocks, 19 May 1957, Davis & Hedge (D.28352f).

PROV. MALATYA: Mt. above Resadiye, between Doganşehir and Pazarcik, 1400 m., on dry limestone boulders, 10 May 1957, Davis & Hedge (D.27752b).

PROV. MARAŞ: 10 km. south of Maraş, 350 m., limestone rocks in oak scrub, 1 May 1957, Davis & Hedge (D.27329c).

***Rhacomitrium heterostichum* (Hedw.) Brid.**

PROV. ÇORUH (Artvin): Şavval Tepe above Murgul, 2200 m., igneous rocks, 12 Aug. 1957, Davis & Hedge (D.32263d).

***Rhacomitrium canescens* Brid.**

PROV. ÇORUH (Artvin): Tiryal Dağ above Murgul, 2150 m., igneous rocks, 23 June 1957, Davis & Hedge (D.29961).

***Pohlia cruda* Lindb.**

PROV. ÇORUH (Artvin): Şavval Tepe above Murgul, 2200 m., igneous rocks, 12 Aug. 1957, Davis & Hedge (D.32263c).

***Bryum turbinatum* (Hedw.) Sm.**

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanli Dağ above Haruniye, 1200 m., edge of spring, 19 Apr. 1957, Davis & Hedge (D.26823b).

PROV. ANKARA: Ankara Baraj, in crevices of rocks, volcanic tuff, 12 Apr. 1958, Merton 80.

***Byrum schleicheri* Schwaegr.**

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütlül yayla, 2000 m., *Picea* forest, 28 May 1957, Davis & Hedge (D.30405j).

PROV. KARS: Yağmurlu Dağ (Sarıkamış—Karaorgan), 2300 m., water meadow, 7 July 1957, Davis & Hedge (D.30833).



**Bryum funckii** Schwaegr.

PROV. ANKARA: Ankara Baraj, on volcanic tuff, 7 Apr. 1958, Merton 96.

**Bryum caespitium** Hedw.

PROV. MARAŞ: Koyunoluk Dağ between Maraş and Göksun, 1200–1300 m., on ground in *Pinus nigra* forest, 4 May 1957, Davis & Hedge (D.27417a).

**Bryum caespitium** var. **kunzei** (Hornsch.) Braithw.

PROV. ADANA, dist. Pozanti: Bürücek, 1300 m., on limestone rocks, 3 Apr. 1957, Davis & Hedge (D.26325b).

**Bryum argenteum** Hedw.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ above Haruniye, 600 m., dry soil under rocks, 19 Apr. 1957, Davis & Hedge (D.26829).

**Bryum capillare** Hedw.

PROV. ADANA, dist. Pozanti: Bürücek, 1300 m., on limestone rocks, 3 Apr. 1957, Davis & Hedge (D.26323).

PROV. HATAY, dist. Antakya (Amanus): Antakya near St. Peter's Church, 150–250 m., limestone rocks, 27 Apr. 1957, Davis & Hedge (D.27157i).

PROV. MARAŞ: Koyunoluk Dağ between Maraş and Göksun, 1200–1350 m., on limestone rocks in *Abies cilicica* forest, 4 May 1957, Davis & Hedge (D.27418e).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2100 m., igneous rocks at top of *Picea-Pinus* forest, 28 June 1957, Davis & Hedge (D.30404d).

PROV. TUNCELİ: Munzur Dağ above Ovacık, 2400 m., by rivulet, 19 July 1957, Davis & Hedge (D.31429).

PROV. ANKARA: Ankara Baraj, on earth bank, 12 Apr. 1958, Merton 104.

**Bryum capillare** Hedw. var. **torquescens** (B.S.G.) Husn.

PROV. HATAY, dist. Belen (Amanus): Soğuk Oluk, 700 m., on ground (metamorphic substrate), in open *Pinus brutia* forest, north slopes, 23 Apr. 1957, Davis & Hedge (D.27033a).

**Mnium hornum** Hedw.

PROV. ÇORUH (Artvin): Tiryal Dağ above Murgul, 2300 m., shady igneous rocks, 23 June 1957, Davis & Hedge (D.29959b).

**Mnium longirostrum** Brid.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ above Haruniye, 1200 m., edge of spring, 19 Apr. 1957, Davis & Hedge (D.26823a); *ibid.* 800 m., moist banks, 19 Apr. 1957, Davis & Hedge (D.26825).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2000 m., *Picea* forest, 28 June 1957, Davis & Hedge (D.30405n).

**Mnium affine** Bland.

PROV. ÇORUH (Artvin): Şavval Tepe above Murgul, 1500 m., rotting log by pool, 10 Aug. 1957, Davis & Hedge (D.32205b).

**Bartramia pomiformis** Hedw.

PROV. ÇORUH (Artvin): Tiryal Dağ above Murgul, 2300 m., shady igneous rocks, 23 June 1957, Davis & Hedge (D.29959a).

**Bartramia stricta** Brid.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanli Dağ above Haruniye, 700–800 m., metamorphic rocks, 19 Apr. 1957, Davis & Hedge (D.26827f); dist. Osmaniye: Toprakkale, 80 m., shady basalt rocks in ravine, 20 Apr. 1957, Davis & Hedge (D.26896a).

PROV. URFA, dist. Siverek: Karacadağ, 1200 m., basalt rocks, 19 May 1957, Davis & Hedge (D.28352e).

**Amphidium mougeotii** (B.S.G.) Schimp.

PROV. ÇORUH (Artvin): Tiryal Dağ above Murgul, 2300 m., shady igneous rocks, 23 June 1957, Davis & Hedge (D.29960).

**Orthotrichum rupestre** Schleich.

PROV. ADANA, dist. Bahçe (N. Amanus): between Haruniye and Fevzipaşa, 1150 m., rocks near top of pass, 18 Apr. 1957, Davis & Hedge (D.26766h).

PROV. KARS: south-west side of Kisir Dağ, between Kars and Ardahan, 2200 m., volcanic rocks, 16 June 1957, Davis & Hedge (D.29646c).

**Orthotrichum anomalum** Hedw.

PROV. ADANA, dist. Bahçe (N. Amanus): between Haruniye and Fevzipaşa, 500 m., limestone rocks in maquis, 18 Apr. 1957, Davis & Hedge (D.26765c); Dumanli Dağ, Haruniye, 1200 m., on metamorphic rocks in deep ravine dominated by beech, 19 Apr. 1957, Davis & Hedge (D.26821j).

PROV. MARAŞ: Koyunoluk Dağ between Maraş, and Göksun, 1200–1350 m., on limestone rocks in *Abies cilicica* forest, 4 May 1957, Davis & Hedge (D.27418a).

**Orthotrichum anomalum** Hedw. var. *saxatile* (Wood) Milde

PROV. URFA, dist. Siverek: Karacadağ, 1200 m., basalt rocks, 19 May 1957, Davis & Hedge (D.28352b).

**Orthotrichum cupulatum** Brid.

PROV. MARDIN: Mardin Castle, 1200 m., limestone rocks, 20 May 1957, Davis & Hedge (D.28354b).

PROV. MARAŞ: Elbistan, 1100 m., north limestone rocks, 6 May 1957, Davis & Hedge (D.27658c).

**Orthotrichum leiocarpum** B.S.G.

PROV. HATAY, dist. Belen (Amanus): Karlik Tepe above Soğuk Oluk, 1000–1200 m., igneous rocks, 24 Apr. 1957, Davis & Hedge (D.27050f).

**Orthotrichum urnigerum** Myr.

PROV. MALATYA: Erkenek, between Doğanşehir and Pazarcik, 1200 m., shady limestone rocks in gorge, 10 May 1957, Davis & Hedge (D.27751a).

**Fontinalis antipyretica** Hedw.

PROV. KARS: Haçuvan, 1800 m., in stream, 20 Aug. 1957, Davis & Hedge (D.32569).

**Hedwigia ciliata** (Hedw.) Beauv.

PROV. KARS: south-west side of Kisir Dağ, between Kars and Ardahan, 2200 m., volcanic rocks, 16 June 1957, Davis & Hedge (D.29646a).

**Leucodon sciurioides** (Hedw.) Schwaegr.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanli Dağ above Haruniye, 1300 m., on beech trunks, 19 Apr. 1957, Davis & Hedge (D.26819).

**Leucodon sciurioides** var. **morensis** (Schwaegr.) De Not.

PROV. MERSIN: Findikpinari above Mersin, 1200 m., limestone rocks, 7 Apr. 1957, Davis & Hedge (D.26479b).

PROV. ADANA, dist. Bahçe (N. Amanus): between Haruniye and Fevzipaşa, 1150 m., rocks near top of pass, 18 Apr. 1957, Davis & Hedge (D.26766a); Dumanli Dağ, Haruniye, 1200 m., on metamorphic rocks in deep ravine dominated by beech, 19 Apr. 1957, Davis & Hedge (D.26821g).

PROV. HATAY, dist. Belen (Amanus): Karlık Tepe above Soğuk Oluk, 800–1000 m., limestone rocks, 24 Apr. 1957, Davis & Hedge (D.27051a).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütlül yayla, 2000 m., *Picea* forest, 28 June 1957, Davis & Hedge (D.30405e).

**Pterogonium gracile** (Hedw.) Sm.

PROV. ADANA, dist. Saimbeyli (Antitaurus): Himmetli, 600 m., on metamorphic rocks, 12 Apr. 1957, Davis & Hedge (D.26645e); dist. Bahçe (N. Amanus): Dumanli Dağ, Haruniye, 1200 m., on metamorphic rocks in deep ravine dominated by beech, 19 Apr. 1957, Davis & Hedge (D.26821d).

**Leptodon smithii** (Hedw.) Mohr

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanli Dağ, Haruniye, 1200 m., on metamorphic rocks in deep ravine dominated by beech, 19 Apr. 1957, Davis & Hedge (D.26821i).

**Neckera crispa** Hedw.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanli Dağ, Haruniye, 1200 m., on metamorphic rocks in deep ravine dominated by beech, 19 Apr. 1957, Davis & Hedge (D.26821b).

**Neckera complanata** (Hedw.) Hüben.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanli Dağ above Haruniye, 1000 m., *Ostrya* woods on banks, 19 Apr. 1957, Davis & Hedge (D.26828).

**Neckera menziesii** Hook.

PROV. MERSIN: Findikpinari above Mersin, 1200 m., limestone rocks, 7 Apr. 1957, Davis & Hedge (D.26475); *ibid.* (D.26476).

PROV. HATAY, dist. Antakya (Amanus): Antakya—Yayladağ, 1000 m., limestone rocks in *Quercus coccifera* maquis, 28 Apr. 1957, Davis & Hedge (D.27156f).

**Hookeria lucens** (Hedw.) Sm.

PROV. ÇORUH (Artvin): Şavval Tepe above Murgul (igneous), 1300 m., mixed *Picea* forest, 10 Aug. 1957, Davis & Hedge (D.32211).

**Lescuraea mutabilis** (Brid.) Lindb. var. **saxicola** (B.S.G.) Hagen  
PROV. ADANA, dist. Bahçe, (N. Amanus): between Haruniye and Fevzi-paşa, 1150 m., rocks near top of pass, 18 Apr. 1957, Davis & Hedge (D.26766e), *ibid.* 500 m., limestone rocks in maquis, 18 Apr. 1957, Davis & Hedge (D.26765b); dist. Osmaniye: Toprakkale, 80 m., shady basalt rocks in ravine, 20 Apr. 1957, Davis & Hedge (D.26896f).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağlari) at Kütül yayla, 2100 m., igneous rocks at top of *Picea-Pinus* forest, 28 June 1957, Davis & Hedge (D.30404b); Yalnızçam Dağlari, on west side of pass between Ardahan and Artvin, igneous rocks, 2400 m., 19 Aug. 1957, Davis & Hedge (D.32535a).

**Lescuraea saviana** (De Not.) Lawton

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağlari) at Kütül yayla, 2100 m., igneous rocks at top of *Picea-Pinus* forest, 28 June 1957, Davis & Hedge (D.30404j).

**Pseudoleskea incurvata** (Hedw.) Dixon

PROV. HATAY, dist. Antakya (Amanus): Antakya—Yayladağı, 1000 m., limestone rocks in *Quercus coccifera* maquis, 28 Apr. 1957, Davis & Hedge (27156e); Antakya near St. Peter's Church, 150–250 m., limestone rocks, 27 Apr. 1957, Davis & Hedge (D.27157e).

**Thuidium tamariscinum** (Hedw.) B.S.G.

PROV. ÇORUH (Artvin): Şavval Tepe above Murgul (igneous), 1500 m., rotting log by pool, 10 Aug. 1957, Davis & Hedge (D. 32205a).

**Thuidium delicatulum** (Hedw.) Mitt.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ above Haruniye, 1300 m., on the ground in beech forest (metamorphic substrate), 19 Apr. 1957, Davis & Hedge (D.26820a).

**Hygroamblystegium tenax** (Hedw.) Jennings

PROV. TUNCELI: Munzur Dağ above Ovacık, 2400 m., by rivulet, 19 July 1957, Davis & Hedge (D.31430).

**Amblystegium serpens** (Hedw.) B.S.G.

PROV. ANKARA: Ankara Baraj, on volcanic tuff soil under firs, 7 Apr. 1958, Merton 71 and 106.

**Drepanocladus vernicosus** (Lindb.) Warnst.

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağlari) at Kütül yayla, 2000 m., *Picea* forest, 28 June 1957, Davis & Hedge (D. 30405c).

**Drepanocladus uncinatus** (Hedw.) Warnst.

PROV. ÇORUH (Artvin): Yalnızçam Dağlari, on west side of pass between Ardahan and Artvin, 2400 m., igneous rocks, 19 Aug. 1957, Davis & Hedge (D. 32535f).

***Isoetecium myurum* (Brid.) Brid.**

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ above Haruniye, 1300 m., on the ground in beech forest (metamorphic substrate), 19 Apr. 1957, Davis & Hedge (D.26820f).

***Camptothecium sericeum* (Hedw.) Kindb.**

PROV. MERSIN: Findikpinari above Mersin, 1200 m., limestone rocks, 7 Apr. 1957, Davis & Hedge (D.26475a); *ibid.* (D.26481).

PROV. ADANA, dist. Saimbeyli (Antitaurus): Himmetli, 600 m., on metamorphic rocks, 12 Apr. 1957, Davis & Hedge (D.26645c); Dumanlı Dağ, Haruniye, 1200 m., in deep ravine dominated by beech, on metamorphic rocks, 19 Apr. 1957, Davis & Hedge (D.26821a); Dumanlı Dağ above Haruniye, 800 m., banks, 19 Apr. 1957, Davis & Hedge (D.26824d).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2100 m., igneous rocks at top of *Picea-Pinus* forest, 28 June 1957, Davis & Hedge (D.26766f).

PROV. HATAY, dist. Belen (Amanus): Karlık Tepe above Soğuk Oluk, 1000–1200 m., igneous rocks, 24 Apr. 1957, Davis & Hedge (D.27050b); dist. Antakya (Amanus): Antakya—Yayladağı, 1000 m., limestone rocks in *Quercus coccifera* maquis, 28 Apr. 1957, Davis & Hedge (D.27156b).

PROV. MARAŞ: Elbistan, 1100 m., north limestone rocks, 6 May 1957, Davis & Hedge (D.27658a).

PROV. URFA: 5 km. west of Urfa, 800 m., limestone cliffs, 17 May 1957, Davis & Hedge (D.28176a).

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2100 m., igneous rocks at top of *Picea-Pinus* forest, 28 June 1957, Davis & Hedge (D.30404h).

***Camptothecium lutescens* (Hedw.) B.S.G.**

PROV. HATAY, dist. Antakya (Amanus): Antakya near St. Peter's Church, 150–250 m., limestone rocks, 27 Apr. 1957, Davis & Hedge (D.27157b).

***Camptothecium phillipeanum* (Spruce) Kindb.**

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ above Haruniye, 1300 m., on the ground in beech forest (metamorphic substrate), 19 Apr. 1957, Davis & Hedge (D.26820c).

PROV. MARAŞ: Koyunoluk Dağ between Maraş and Göksun, 1200–1350 m., on limestone rocks in *Abies cilicica* forest, 4 May 1957, Davis & Hedge (D.27418d).

***Camptothecium aureum* B.S.G.**

PROV. ADANA, dist. Pozanti: Bürücek, 1300 m., on limestone rocks, 3 Apr. 1957, Davis & Hedge (D.26326).

***Brachythecium salebrosum* (Web. & Mohr) B.S.G.**

PROV. HATAY, dist. Antakya (Amanus): Antakya near St. Peter's Church, 150–250 m., limestone rocks, 27 Apr. 1957, Davis & Hedge (D.27157a).



**Brachythecium velutinum** (Hedw.) B.S.G.

PROV. ADANA, dist. Pozanti: Bürücek, 1300 m., on limestone rocks, 3 Apr. 1957, Davis & Hedge (D.26323b).

**Brachythecium velutinum** aff.

PROV. MARDIN: Mardin Castle, 1200 m., limestone rocks, 20 May 1957, Davis & Hedge (D.28354e).

**Scleropodium illecebrum** (Hedw.) B.S.G.

PROV. ISTANBUL: Burgaz Ada (Antigoni), 5 m., on soil, in maquis, 24 Mar. 1957, Davis & Hedge (D.26212).

**Eurynchium swartzii** (Turn.) Curn.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanli Dağ above Haruniye, 700–800 m., metamorphic rocks, 19 Apr. 1957, Davis & Hedge (D.26827a).

**Eurynchium zetterstedtii** Størm.

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2000 m., *Picea* forest, 28 June 1957, Davis & Hedge (D.30405a).

**Rhynchostegiella tenella** (Dicks.) Limpr.

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2000 m., *Picea* forest, 28 June 1957, Davis & Hedge (D.30405 m.).

**Pterigynandrum filiforme** Hedw.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanli Dağ above Haruniye, 1300 m., on the ground in beech forest (metamorphic substrate), 19 Apr. 1957, Davis & Hedge (D.26820b).

**Pleurozium schreberi** (Brid.) Mitt.

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2100 m., igneous rocks at top of *Picea-Pinus* forest, 28 June 1957, Davis & Hedge (D.30404g).

**Hypnum cupressiforme** Hedw.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanli Dağ above Haruniye, 1300 m., on the ground in beech forest (metamorphic substrate), 19 Apr. 1957, Davis & Hedge (D.26820d); *ibid.* 1200 m., on metamorphic rocks in deep ravine dominated by beech, 19 Apr. 1957, Davis & Hedge (D.26821c); *ibid.* 800 m., banks, 19 Apr. 1957, Davis & Hedge (D.26824a); *ibid.* 700–800 m., metamorphic rocks, 19 Apr. 1957, Davis & Hedge (D.26827b); dist. Osmaniye: Toprakkale, 80 m., shady basalt rocks in ravine, 20 Apr. 1957, Davis & Hedge (D.26896e).

PROV. HATAY, dist. Belen (Amanus): Karlik Tepe above Soğuk Oluk, 1000–1200 m., igneous rocks, 24 Apr. 1957, Davis & Hedge (D.27050).

PROV. KARS: southwest side of Kisir Dağ, between Kars and Ardahan, 2200 m., volcanic rock, 16 June 1957, Davis & Hedge (29646e).

**Ctenidium molluscum** (Hedw.) Mitt.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ above Haruniye, 1300 m., on the ground in beech forest (metamorphic substrate), 19 Apr. 1957, Davis & Hedge (D.26820e).

**Rhytidiadelphus triquetrus** (Hedw.) Warnst.

PROV. ÇORUH (Artvin), dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2000 m., *Picea* forest, 28 June 1957, Davis & Hedge (D.30405b); *ibid.* 1500 m., dominant ground moss in lower parts of *Picea* forest, 18 Aug. 1957, Davis & Hedge (D.32471).

**Hylocomium splendens** (Hedw.) B.S.G.

PROV. ÇORUH (Artvin): Yalnızçam Dağları, on west side of pass between Ardahan and Artvin, 2400 m., igneous rocks, 19 Aug. 1957, Davis & Hedge (D.32535c).

**Targionia hypophylla** L.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ above Haruniye, 800 m., moist bank, 19 Apr. 1957, Davis & Hedge (D.26822).

PROV. HATAY, dist. Antakya (Amanus): Antakya near St. Peter's Church, 150–250 m., limestone rocks, 27 Apr. 1957, Davis & Hedge (D.27157c).

**Reboulia hemispherica** (L.) Raddi

PROV. HATAY, dist. Antakya (Amanus): Antakya near St. Peter's Church, 150–250 m., limestone rocks, 27 Apr. 1957, Davis & Hedge (D.27157h).

PROV. MARAŞ: Koyunluk Dağ between Maraş and Göksun, 1200–1350 m., on limestone rocks in *Abies cilicica* forest, 4 May 1957, Davis & Hedge (D.27418c).

**Marchantia polymorpha** L.

PROV. ÇORUH (Artvin): Yalnızçam Dağları between Ardanuç and Kütül, 1400 m., wet meadow, 18 Aug. 1957, Davis & Hedge (D.32480).

**Metzgeria conjugata** Lindb.

PROV. HATAY, dist. Belen (Amanus): Karlık Tepe above Soğuk Oluk, 1000–1200 m., igneous rocks, 24 Apr. 1957, Davis & Hedge (D.27050d).

**Barbilophozia attenuata** (Mart.) Loeske

PROV. ÇORUH (Artvin): Tiryal Dağ above Murgul, 1700 m., *Rhododendron-Picea* forest, 23 June 1957, Davis & Hedge (D.29963c).

**Plagiochila asplenioides** (L.) Dum.

PROV. ÇORUH (Artvin) dist. Ardanuç: Kordevan Dağ (Yalnızçam Dağları) at Kütül yayla, 2000 m., *Picea* forest, 28 June 1957, Davis & Hedge (D.30405h).

**Porella platyphylla** (L.) Lindb.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ, Haruniye, 1200 m., on metamorphic rocks in deep ravine dominated by beech, 19 Apr. 1957, Davis & Hedge (D.26821h).

PROV. HATAY, dist. Belen (Amanus): Karlik Tepe above Soğuk Oluk, 1000–1200 m., igneous rocks, 24 Apr. 1957, Davis & Hedge (D.27050c).

*Frullania tamarisci* (L.) Dum.

PROV. ADANA, dist. Bahçe (N. Amanus): Dumanlı Dağ, Haruniye, 1200 m., on metamorphic rocks in deep ravine dominated by beech, 19 Apr. 1957, Davis & Hedge (D.26821f).

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**Flora of Alberta** (review)\*.—The good type and clear lay-out of this book make an instant appeal; so too does the concentration on the plants themselves. There will no doubt be critics who think that too much has been sacrificed: genera and species are arranged alphabetically rather than in accordance with natural affinities; there are no indications of subgenera, although the generic concept adopted is usually a wide one; the indication of distribution is usually very generalized. Yet the book seems admirably adapted for its main purpose, the determination of the plants met by the student of plant life in the field.

In another edition Professor Moss might well come into line with the usage now generally accepted and retain the name *Physostegia* for the plant he calls *Dracocephalum* and revert to the latter name for the species he places under *Moldavica*. *Veronica salina* Schur should give way to *V. catenata* Pennell (cf. Burnett in *Watsonia*, i, 349–353: 1950).

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\* *Flora of Alberta*, by E. H. Moss. Toronto, University Press. London, Oxford University Press. 1959. Pp. vii + 546. Price: 80s.